

Converting Colors

XYZ(13.4899, 15.9197, 17.3897)

Have a look what the booklet for
XYZ(13.4899, 15.9197, 17.3897)
contains.

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Color

**XYZ(13.4290, 15.8626,
17.3929)**

Conversions

Conversions Part 1

Format	Color
Hex	5B746F
RGB	91, 116, 111
RGB Percent	36%, 45%, 44%
CMY	0.6431, 0.5451, 0.5647
CMYK	0.22, 0.00, 0.04, 0.55
HSL	168°, 12%, 41%
HSV	168°, 22%, 45%
XYZ	13.4290, 15.8626, 17.3929
YIQ	107.9550, -13.2950, -6.8550

Conversions

Conversions Part 2

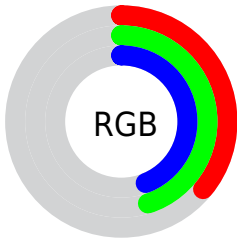
Format	Color
R_{YB}	91, 105, 116
Decimal	5993583
CIE _{Lab}	46.79, -10.24, -0.25
CIE _{LCh}	47, 10.247, 181.413
Yxy	15.8626, 0.2877, 0.3398
Android (android.graphics.Color)	4284183663 (0xFF5B746F)
YUV	107.9550, 1.5012, -14.8695
Hunter-Lab	39.8279, -9.5129, 1.9875

Details

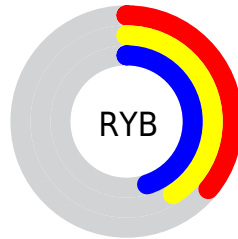
The XYZ color **13.4290, 15.8626, 17.3929** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0554, 12.0401, 12.7029**, and the grayscale version is **14.2402, 14.9818, 16.3152**.

A 20% lighter version of the original color is **31.7688, 36.4004, 40.0019**, and **4.0030, 5.0286, 5.4623** is the 20% darker color. If you saturate the color by 10%, you get **12.2467, 15.2681, 16.6794**, and if you desaturate by 10%, it is **14.7923, 16.5509, 18.1328**.

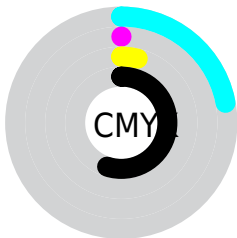
Distribution



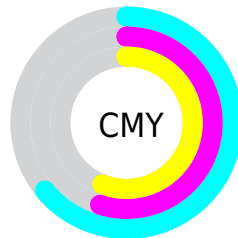
- Red (36%)
- Green (45%)
- Blue (44%)



- Red (36%)
- Yellow (41%)
- Blue (45%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (55%)



- Cyan (64%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4290, 15.8626, 17.3929 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 13.4290, 15.8626, 17.3929 by changing the saturation by 10% instead.

■ 13.4290, 15.8626,
17.3929

■ 13.4290, 15.8626,
17.3929

207.2316,
228.5296, 249.5466

■ 7.8036, 9.4270,
10.3501

■ 31.6672, 36.3595,
39.7999

■ 4.0203, 5.0207,
5.5231

■ 45.0107, 51.1896,
56.0013

■ 1.7136, 2.2594,
2.4933

■ 61.6577, 69.5866,
76.0925

■ 0.4648, 0.7521,
0.8366

■ 81.9735, 91.9349,
100.4923

■ 0.0000, 0.0000,
0.0000

106.3234,
118.6190, 129.6190

135.0728,

150.0232, 163.8913

168.5871,
186.5319, 203.7276

■ 13.4290, 15.8626,
17.3929

■ 13.4290, 15.8626,
17.3929

■ 12.2467, 15.2681,
16.6794

■ 14.7923, 16.5509,
18.1328

■ 11.2359, 14.7612,
15.9909

■ 16.3430, 17.3349,
18.8987

■ 10.3884, 14.3381,
15.3270

■ 18.0885, 18.2190,
19.6912

■ 9.6947, 13.9939,
14.6873

■ 20.0356, 19.2067,
20.5109

■ 9.1440, 13.7231,
14.0711

■ 22.1909, 20.3013,
21.3582

■ 8.7247, 13.5197,
13.4777

■ 24.5605, 21.5059,
22.2335

■ 8.4228, 13.3764,
12.9064

■ 27.1503, 22.8237,
23.1371

■ 8.2124, 13.2780,
12.4386

■ 29.9659, 24.2575,
24.0696

■ 33.0128, 25.8101,
25.0311

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



13.6227, 15.8626, 15.0297



13.4290, 15.8626, 17.3929



13.6622, 15.8626, 19.9560

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.4290, 15.8626, 17.3929



15.9872, 15.8626, 21.8043



15.9112, 15.8626, 13.3133

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



13.4290, 15.8626, 17.3929



13.0554, 12.0401, 12.7029

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.5861, 15.8626, 14.8396



13.4290, 15.8626, 17.3929



16.6311, 15.8626, 19.7262

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13.4290, 15.8626, 17.3929



15.1192, 15.8626, 22.6530



16.8544, 15.8626, 17.1510



15.0347, 15.8626, 12.8182

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13.4290, 15.8626, 17.3929



14.0339, 15.8626, 21.3958



16.8544, 15.8626, 17.1510



16.1704, 15.8626, 13.7148

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



13.4295, 15.8633, 17.3933



27.4313, 29.8150, 32.5941



13.0020, 15.7562, 12.2538



6.5129, 7.0970, 7.7604



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.4295, 15.8633, 17.3933



22.5053, 27.3295, 29.9267



12.9270, 14.4052, 18.6229



3.7534, 4.1433, 4.5355



9.2093, 14.8977, 13.9240



44.5689, 72.4748, 66.2262

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



13.0554, 12.0401, 12.7029



21.7208, 19.3042, 20.0840



13.4668, 13.2198, 11.7397



3.7112, 3.7117, 4.0057



8.2528, 4.2348, 1.2734



39.9641, 20.5358, 4.8744

Previews

White Background



This preview shows how the XYZ color 13.4290, 15.8626, 17.3929 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 13.4290, 15.8626, 17.3929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.4290, 15.8626, 17.3929

Background



This preview shows how black text looks on a background with the XYZ color 13.4290, 15.8626, 17.3929.



This preview shows how white text looks on a background with the XYZ color 13.4290, 15.8626,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

13.4290, 15.8626, 17.3929

Protanopia

15.0928, 15.7453, 16.4310

Deuteranopia

15.9841, 15.7007, 17.8109



Tritanopia

14.1067, 15.7918, 21.0435

Trichromacy



Original Color

13.4290, 15.8626, 17.3929

Protanomaly

14.3802, 15.6957, 16.7397

Deuteranomaly

14.8072, 15.5729, 17.5547

Tritanomaly

13.8741, 15.8687, 19.7845

Monochromacy



Original Color

13.4290, 15.8626, 17.3929

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.9242, 15.2978, 16.6869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4290, 15.8626, 17.3929 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(91, 116, 111)` looks like.

```
.text, #text, p{  
    color:rgb(91, 116, 111)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(91, 116, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 116, 111) }
```

Border

The CSS property to change the border of an element to XYZ 13.4290, 15.8626, 17.3929 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 116, 111) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(91, 116, 111) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(91, 116, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 116, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 116, 111);  
box-shadow:4px 4px 4px 4px rgb(91, 116,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4290, 15.8626, 17.3929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 116, 111) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(91, 116,  
111) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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